



PATENT  
ATTORNEY DOCKET NO. 024445-511

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Fredrik BJORK ) Confirmation No.: 2379  
Application No.: 10/509,658 ) Group Art Unit: 3672  
Filed: 02/23/05 ) Examiner: Tsay, Frank  
Title: Percussion Drill Bit and a Button )  
Therefor )

Commissioner for Patents  
Alexandria, VA 22314

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

Dated: September 6, 2005

By: Ronald L. Grudziecki  
Ronald L. Grudziecki  
Registration No. 24,970

**CUSTOMER NO. 55694**  
**DRINKER, BIDDLE & REATH LLP**  
1500 K Street, N.W., Suite 1100  
Washington, D.C. 20005-1209  
Tel: (202) 842-8800  
Fax: (202) 842-8465



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee: SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG

Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION AND NEW POWER OF ATTORNEY**

Under 37 CFR §3.73(b), SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG, a Swedish corporation, certified that it is the assignee of 100% of the right, title and interest in the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) by mesne assignments to SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG submitted to the U.S. Patent and Trademark Office. The dates on which the assignments were submitted and the reel/frame numbers at which the assignments were recorded are indicated in the following chart.

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| 024445-511 | 10/509,658 | 2 / 23 / 2005  | <i>Ass't filed 6/30/05</i> |            |
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| 024445-528 | 10/515,233 | 3 / 16 / 2005  |                            |            |
| 024445-533 | 10/518,235 | 5 / 27 / 2005  |                            |            |
| 024445-538 | 10/519,711 | 12 / 30 / 2004 |                            |            |
| 034369-006 | 10/525,967 | 2 / 28 / 2005  |                            |            |
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| 024000-917     | 988,793    | 12/10/1992 | 5,312,209 | 5 /17/1994 |          |            |
| 024000-947     | 08/086,132 | 7 /6 /1993 | 5,314,657 | 5 /24/1994 |          |            |
| 024000-897     | 90/004,584 | 3 /19/1997 | 5,324,595 | 8 /25/1998 |          |            |
| 024000-897.001 | 932,692    | 8 /20/1992 | 5,324,595 | 6 /28/1994 |          |            |
| 024000-929     | 08/021,560 | 2 /24/1993 | 5,330,297 | 7 /19/1994 |          |            |
| 024000-872     | 886,876    | 5 /22/1992 | 5,330,553 | 7 /19/1994 |          |            |
| 024000-806     | 715,636    | 6 /14/1991 | 5,335,738 | 8 /9 /1994 |          |            |
| 024000-970     | 08/094,156 | 9 /10/1993 | 5,340,246 | 8 /23/1994 |          |            |
| 024000-951     | 08/079,607 | 6 /22/1993 | 5,342,201 | 8 /30/1994 |          |            |
| 024000-858     | 857,275    | 3 /25/1992 | 5,346,517 | 9 /13/1994 |          |            |
| 024000-946     | 08/063,295 | 5 /19/1993 | 5,353,668 | 10/11/1994 |          |            |
| 024000-956     | 08/075,561 | 9 /27/1993 | 5,358,063 | 10/25/1994 |          |            |
| 024000-939     | 08/053,425 | 4 /28/1993 | 5,360,298 | 11/1 /1994 |          |            |
| 024000-921     | 08/004,302 | 1 /14/1993 | 5,365,805 | 11/22/1994 |          |            |
| 024000-935.002 | 08/053,232 | 4 /28/1993 | 5,375,948 | 12/27/1994 |          |            |
| 024000-819.001 | 995,914    | 12/22/1992 | 5,380,408 | 1 /10/1995 |          |            |
| 024000-920     | 992,106    | 12/17/1992 | 5,395,186 | 3 /7 /1995 |          |            |
| 024000-978     | 08/128,656 | 9 /30/1993 | 5,395,421 | 3 /7 /1995 |          |            |
| 032944-076     | 07/122,063 | 9 /14/1993 | 5,399,061 | 3 /21/1995 |          |            |
| 024000-983     | 08/124,542 | 9 /22/1993 | 5,401,461 | 3 /28/1995 |          |            |
| 024444-015     | 08/194,582 | 2 /10/1994 | 5,403,542 | 4 /4 /1995 |          |            |
| 024000-940     | 08/053,268 | 4 /28/1993 | 5,411,354 | 5 /2 /1995 |          |            |
| 024000-953     | 08/071,978 | 6 /7 /1993 | 5,411,701 | 5 /2 /1995 |          |            |
| 024000-974     | 08/145,225 | 11/3 /1993 | 5,417,475 | 5 /23/1995 |          |            |
| 024444-002     | 08/180,341 | 1 /12/1994 | 5,418,197 | 5 /23/1995 |          |            |
| 024444-001     | 08/180,337 | 1 /12/1994 | 5,420,083 | 5 /30/1995 |          |            |
| 024444-078     | 08/311,578 | 9 /23/1994 | 5,421,679 | 6 /6 /1995 |          |            |
| 024000-934     | 08/053,265 | 4 /28/1993 | 5,423,639 | 6 /13/1995 |          |            |
| 024000-982     | 08/123,096 | 9 /20/1993 | 5,423,640 | 6 /13/1995 |          |            |
| 024444-018     | 08/202,634 | 2 /28/1994 | 5,429,458 | 7 /4 /1995 |          |            |
| 024444-048     | 08/244,819 | 8 /19/1994 | 5,435,401 | 7 /25/1995 |          |            |
| 022620-001     | 08/010,389 | 1 /28/1993 | 5,437,744 | 8 /1 /1995 |          |            |
| 004925-008     | 979,868    | 2 /26/1993 | 5,439,499 | 8 /8 /1995 |          |            |
| 024444-035     | 08/230,209 | 4 /20/1994 | 5,441,370 | 8 /15/1995 |          |            |
| 024000-850.001 | 08/268,740 | 6 /30/1994 | 5,441,764 | 8 /15/1995 |          |            |

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| 024444-010     | 08/185,001 | 1 /24/1994 | 5,447,396 | 9 /5 /1995 |          |            |
| 024444-017     | 08/246,135 | 5 /19/1994 | 5,449,647 | 9 /12/1995 |          |            |
| 024000-991     | 08/159,257 | 11/30/1993 | 5,451,469 | 9 /19/1995 |          |            |
| 024000-994     | 08/157,010 | 11/30/1993 | 5,454,671 | 10/3 /1995 |          |            |
| 024000-948     | 08/077,683 | 6 /16/1993 | 5,462,574 | 10/31/1995 |          |            |
| 024444-008     | 08/185,214 | 1 /24/1994 | 5,466,097 | 11/14/1995 |          |            |
| 024000-949     | 08/079,604 | 6 /22/1993 | 5,470,372 | 11/28/1995 |          |            |
| 024444-087     | 08/325,364 | 10/26/1994 | 5,475,912 | 12/19/1995 |          |            |
| 024000-964     | 08/082,100 | 6 /28/1993 | 5,476,346 | 12/19/1995 |          |            |
| 024444-069     | 08/309,480 | 9 /21/1994 | 5,477,934 | 12/26/1995 |          |            |
| 024000-886.001 | 08/251,661 | 5 /31/1994 | 5,482,748 | 1 /9 /1996 |          |            |
| 024444-013     | 08/192,628 | 2 /7 /1994 | 5,484,468 | 1 /16/1996 |          |            |
| 024000-993     | 08/159,217 | 11/30/1993 | 5,487,625 | 1 /30/1996 |          |            |
| 024444-067     | 08/301,608 | 9 /7 /1994 | 5,487,626 | 1 /30/1996 |          |            |
| 024444-055     | 08/281,276 | 7 /27/1994 | 5,496,131 | 3 /5 /1996 |          |            |
| 024000-954.001 | 08/297,905 | 8 /29/1994 | 5,496,638 | 3 /5 /1996 |          |            |
| 024000-984     | 08/141,603 | 10/27/1993 | 5,505,569 | 4 /9 /1996 |          |            |
| 024444-108     | 08/412,945 | 3 /29/1995 | 5,505,902 | 4 /9 /1996 |          |            |
| 024444-049     | 08/244,656 | 7 /22/1994 | 5,507,355 | 4 /16/1996 |          |            |
| 024444-021.001 | 08/199,296 | 3 /3 /1994 | 5,512,237 | 4 /30/1996 |          |            |
| 024444-038     | 08/237,999 | 5 /4 /1994 | 5,524,518 | 6 /11/1996 |          |            |
| 024444-036     | 08/233,332 | 4 /26/1994 | 5,529,439 | 6 /25/1996 |          |            |
| 024444-107     | 08/412,930 | 3 /29/1995 | 5,529,804 | 6 /25/1996 |          |            |
| 024000-805.001 | 08/128,741 | 9 /30/1993 | 5,543,176 | 8 /6 /1996 |          |            |
| 024444-011     | 08/185,371 | 1 /24/1994 | 5,544,984 | 8 /13/1996 |          |            |
| 024000-927.001 | 08/258,598 | 6 /10/1994 | 5,549,980 | 8 /27/1996 |          |            |
| 024444-047     | 08/257,531 | 6 /9 /1994 | 5,564,320 | 10/15/1996 |          |            |
| 024000-821.002 | 08/303,001 | 9 /9 /1994 | 5,565,152 | 10/15/1996 |          |            |
| 024444-063     | 08/299,063 | 8 /31/1994 | 5,567,092 | 10/22/1996 |          |            |
| 024444-043     | 08/249,214 | 5 /26/1994 | 5,569,000 | 10/29/1996 |          |            |
| 024444-143     | 08/452,136 | 5 /26/1995 | 5,575,342 | 11/19/1996 |          |            |
| 024444-118     | 08/405,782 | 3 /17/1995 | 5,576,058 | 11/19/1996 |          |            |
| 024000-851.002 | 08/516,508 | 8 /17/1995 | 5,578,265 | 11/26/1996 |          |            |
| 024444-052     | 08/262,942 | 6 /21/1994 | 5,582,656 | 12/10/1996 |          |            |
| 024444-089     | 08/325,236 | 11/17/1994 | 5,584,175 | 12/17/1996 |          |            |

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| 024444-116     | 08/393,685 | 2 /24/1995 | 5,586,844 | 12/24/1996 |          |            |
| 024444-177     | 08/566,952 | 12/4 /1995 | 5,591,320 | 1 /7 /1997 |          |            |
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| 024444-137     | 08/492,521 | 6 /20/1995 | 5,616,526 | 4 /1 /1997 |          |            |
| 024444-136     | 08/437,307 | 5 /9 /1995 | 5,622,461 | 4 /22/1997 |          |            |
| 024444-192     | 08/568,293 | 12/6 /1995 | 5,624,068 | 4 /29/1997 |          |            |
| 024444-172     | 08/557,579 | 11/14/1995 | 5,632,824 | 5 /27/1997 |          |            |
| 024444-080     | 08/319,648 | 10/7 /1994 | 5,632,826 | 5 /27/1997 |          |            |
| 024444-141.001 | 08/698,254 | 8 /14/1996 | 5,634,745 | 6 /3 /1997 |          |            |
| 024444-129     | 08/436,214 | 5 /15/1995 | 5,634,747 | 6 /3 /1997 |          |            |
| 024444-051     | 08/264,148 | 6 /22/1994 | 5,637,037 | 6 /10/1997 |          |            |
| 024444-204     | 08/610,234 | 3 /4 /1996 | 5,645,132 | 7 /8 /1997 |          |            |
| 024444-031.001 | 08/540,320 | 10/6 /1995 | 5,648,029 | 7 /15/1997 |          |            |
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| 024444-162     | 08/532,359 | 9 /22/1995 | 5,654,035 | 8 /5 /1997 |          |            |
| 024444-132     | 08/464,564 | 6 /5 /1995 | 5,658,395 | 8 /19/1997 |          |            |
| 024444-151     | 08/495,840 | 6 /28/1995 | 5,659,872 | 8 /19/1997 |          |            |
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| 024444-146     | 08/452,853 | 5 /30/1995 | 5,674,564 | 10/7 /1997 |          |            |
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| 024444-224     | 08/721,528 | 9 /26/1996 | 5,676,519 | 10/14/1997 |          |            |
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| 024444-145.001 | 08/451,462 | 5 /26/1995 | 5,685,672 | 11/11/1997 |          |            |
| 024444-176     | 08/549,216 | 10/27/1995 | 5,685,674 | 11/11/1997 |          |            |
| 024444-022.001 | 08/622,930 | 3 /27/1996 | 5,688,080 | 11/18/1997 |          |            |
| 024444-244     | 08/662,523 | 6 /13/1996 | 5,688,729 | 11/18/1997 |          |            |
| 024444-456.001 | 445,523    | 5 /22/1995 | 5,693,417 | 12/2 /1997 |          |            |
| 024000-997.001 | 08/593,905 | 1 /30/1996 | 5,694,639 | 12/2 /1997 |          |            |
| 024444-168     | 08/526,390 | 9 /11/1995 | 5,697,737 | 12/16/1997 |          |            |
| 024444-456     | 445,521    | 5 /22/1995 | 5,698,314 | 12/16/1997 |          |            |
| 024444-171     | 08/557,580 | 11/14/1995 | 5,702,808 | 12/30/1997 |          |            |
| 024444-104     | 08/407,657 | 3 /21/1995 | 5,705,263 | 1 /6 /1998 |          |            |
| 013715-001     | 08/705,989 | 8 /30/1996 | 5,716,053 | 2 /10/1998 |          |            |
| 024000-807.002 | 08/214,157 | 3 /17/1994 | 5,718,948 | 2 /17/1998 |          |            |

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| 024444-270     | 08/709,873 | 9 /9 /1996 | 5,743,162 | 4 /28/1998 |          |            |
| 024444-173.001 | 08/837,092 | 4 /14/1997 | 5,743,681 | 4 /28/1998 |          |            |
| 024444-324     | 08/778,677 | 1 /3 /1997 | 5,759,308 | 6 /2 /1998 |          |            |
| 024444-256     | 08/703,966 | 8 /28/1996 | 5,759,621 | 6 /2 /1998 |          |            |
| 024444-216     | 08/616,312 | 3 /15/1996 | 5,761,593 | 6 /2 /1998 |          |            |
| 029777-003.001 | 08/427,561 | 4 /24/1995 | 5,761,981 | 6 /9 /1998 |          |            |
| 024444-066.001 | 08/851,559 | 5 /6 /1997 | 5,765,972 | 6 /16/1998 |          |            |
| 024444-093     | 08/366,107 | 12/29/1994 | 5,766,782 | 6 /16/1998 |          |            |
| 024444-081.001 | 08/826,407 | 3 /24/1997 | 5,771,763 | 6 /30/1998 |          |            |
| 024444-110.001 | 08/853,869 | 5 /9 /1997 | 5,772,366 | 6 /30/1998 |          |            |
| 024444-264     | 08/703,965 | 8 /28/1996 | 5,786,069 | 7 /28/1998 |          |            |
| 024444-191     | 08/570,430 | 12/11/1995 | 5,786,076 | 7 /28/1998 |          |            |
| 024444-325     | 08/772,286 | 12/20/1996 | 5,794,728 | 8 /18/1998 |          |            |
| 024444-304     | 08/746,265 | 11/8 /1996 | 5,795,109 | 8 /18/1998 |          |            |
| 024444-291     | 08/727,572 | 3 /10/1997 | 5,795,116 | 8 /18/1998 |          |            |
| 024444-131     | 08/504,779 | 7 /20/1995 | 5,795,384 | 8 /18/1998 |          |            |
| 024444-381     | 08/873,467 | 6 /12/1997 | 5,800,868 | 9 /1 /1998 |          |            |
| 024444-223     | 08/675,690 | 7 /3 /1996 | 5,803,230 | 9 /8 /1998 |          |            |
| 013715-002     | 08/848,741 | 5 /1 /1997 | 5,807,041 | 9 /15/1998 |          |            |
| 024444-276     | 08/719,976 | 9 /24/1996 | 5,810,518 | 9 /22/1998 |          |            |
| 024444-012.002 | 08/772,472 | 12/23/1996 | 5,810,521 | 9 /22/1998 |          |            |
| 024444-394     | 08/888,055 | 7 /3 /1997 | 5,813,105 | 9 /29/1998 |          |            |
| 024444-125.001 | 08/746,158 | 11/6 /1996 | 5,816,755 | 10/6 /1998 |          |            |
| 024444-314     | 08/755,743 | 11/22/1996 | 5,827,017 | 10/27/1998 |          |            |
| 024444-412     | 08/898,408 | 7 /22/1997 | 5,834,061 | 11/10/1998 |          |            |
| 024444-161     | 08/593,465 | 1 /29/1996 | 5,837,071 | 11/17/1998 |          |            |
| 024444-298     | 08/746,268 | 11/8 /1996 | 5,839,519 | 11/24/1998 |          |            |
| 024444-391     | 08/909,659 | 8 /12/1997 | 5,839,523 | 11/24/1998 |          |            |
| 024444-259     | 08/770,849 | 12/20/1996 | 5,851,285 | 12/22/1998 |          |            |
| 024444-092     | 08/348,084 | 11/25/1994 | 5,851,687 | 12/22/1998 |          |            |
| 024444-258     | 08/772,099 | 12/20/1996 | 5,853,477 | 12/29/1998 |          |            |
| 024444-313     | 08/772,101 | 12/20/1996 | 5,856,626 | 1 /5 /1999 |          |            |
| 024444-312     | 08/777,735 | 12/20/1996 | 5,858,539 | 1 /12/1999 |          |            |
| 024444-144     | 08/497,934 | 7 /5 /1995 | 5,861,210 | 1 /19/1999 |          |            |
| 024444-233     | 08/675,034 | 7 /3 /1996 | 5,863,640 | 1 /26/1999 |          |            |

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| 024444-334     | 08/798,135 | 2 /12/1997 | 5,871,309 | 2 /16/1999 |          |            |
| 024444-323     | 08/765,590 | 4 /17/1997 | 5,876,524 | 3 /2 /1999 |          |            |
| 024444-350     | 08/809,578 | 3 /26/1997 | 5,881,828 | 3 /16/1999 |          |            |
| 024444-243     | 08/656,358 | 6 /14/1996 | 5,885,136 | 3 /23/1999 |          |            |
| 024444-197.001 | 08/781,747 | 1 /10/1997 | 5,885,653 | 3 /23/1999 |          |            |
| 024444-271     | 08/721,766 | 9 /25/1996 | 5,887,242 | 3 /23/1999 |          |            |
| 024444-295     | 08/748,950 | 11/15/1996 | 5,887,698 | 3 /30/1999 |          |            |
| 024444-343     | 08/812,730 | 3 /6 /1997 | 5,890,551 | 4 /6 /1999 |          |            |
| 024444-272.001 | 08/928,669 | 9 /12/1997 | 5,894,034 | 4 /13/1999 |          |            |
| 024444-293     | 08/751,104 | 11/15/1996 | 5,894,919 | 4 /20/1999 |          |            |
| 024444-326     | 08/765,194 | 2 /28/1997 | 5,897,272 | 4 /27/1999 |          |            |
| 024444-234     | 08/675,678 | 7 /3 /1996 | 5,902,671 | 5 /11/1999 |          |            |
| 024444-292     | 08/748,904 | 11/15/1996 | 5,909,796 | 6 /8 /1999 |          |            |
| 024444-357     | 08/867,417 | 6 /2 /1997 | 5,911,867 | 6 /15/1999 |          |            |
| 024444-461     | 09/034,230 | 3 /4 /1998 | 5,912,051 | 6 /15/1999 |          |            |
| 024444-363     | 08/880,297 | 6 /24/1997 | 5,914,286 | 6 /22/1999 |          |            |
| 024444-330     | 08/787,220 | 1 /22/1997 | 5,919,578 | 7 /6 /1999 |          |            |
| 024444-455     | 08/998,648 | 12/29/1997 | 5,921,332 | 7 /13/1999 |          |            |
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| 024444-286     | 08/738,839 | 10/28/1996 | 5,924,826 | 7 /20/1999 |          |            |
| 024000-971.001 | 08/430,308 | 4 /28/1995 | 5,925,197 | 7 /20/1999 |          |            |
| 024444-366     | 08/852,610 | 5 /7 /1997 | 5,931,243 | 8 /3 /1999 |          |            |
| 024444-472     | 09/034,395 | 3 /4 /1998 | 5,931,613 | 8 /3 /1999 |          |            |
| 024444-387     | 08/884,388 | 6 /27/1997 | 5,934,388 | 8 /10/1999 |          |            |
| 024444-477     | 09/044,011 | 3 /19/1998 | 5,934,843 | 8 /10/1999 |          |            |
| 024444-487     | 09/051,204 | 6 /1 /1998 | 5,934,844 | 8 /10/1999 |          |            |
| 024000-937.002 | 08/746,159 | 11/6 /1996 | 5,934,847 | 8 /10/1999 |          |            |
| 024444-369     | 08/886,192 | 7 /1 /1997 | 5,942,318 | 8 /24/1999 |          |            |
| 024444-432     | 08/947,026 | 10/8 /1997 | 5,944,126 | 8 /31/1999 |          |            |
| 024444-450     | 08/987,613 | 12/9 /1997 | 5,944,457 | 8 /31/1999 |          |            |
| 024444-413     | 08/923,922 | 9 /5 /1997 | 5,945,207 | 8 /31/1999 |          |            |
| 024444-441     | 08/965,110 | 11/6 /1997 | 5,947,215 | 9 /7 /1999 |          |            |
| 024444-493     | 09/097,666 | 6 /16/1998 | 5,948,715 | 9 /7 /1999 |          |            |
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| 024444-358     | 08/836,809 | 8 /11/1997 | 5,964,649 | 10/12/1999 |          |            |
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| 024444-419     | 08/913,286 | 9 /11/1997 | 5,984,030 | 11/16/1999 |          |            |
| 018300-030     | 08/769,447 | 12/19/1996 | 5,984,592 | 11/16/1999 |          |            |
| 024444-384     | 08/879,891 | 6 /20/1997 | 5,988,301 | 11/23/1999 |          |            |
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The undersigned has reviewed all documents in the chain of title of the patent applications and patents identified above and, to the best of the undersigned's knowledge and belief, title is in the name of the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

Customer Number 055794  
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1500 K Street, N.W.  
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Washington, DC 2009-12096

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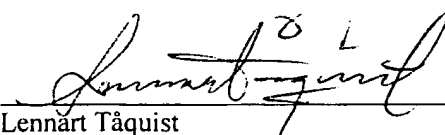
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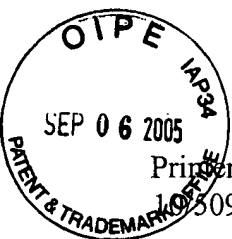
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Respectfully submitted,

Date: August 5, 2005

  
Lennart Tåquist  
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10/509,658 Percussion drill bit and a button therefor

## Application Data

|                         |  |                            |   |
|-------------------------|--|----------------------------|---|
| Application Number:     | 10/509,658                                 | Customer Number:           | -   |
| Filing or 371 (c) Date: | 02-23-2005                                 | Status:                    | Docketed New Case - Ready for Examination |
| Application Type:       | Utility                                    | Status Date:               | 06-02-2005                                |
| Examiner Name:          | TSAY, FRANK                                | Location:                  | ELECTRONIC                                |
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| First Named Inventor:   | Fredrik Bjork ,<br>Sandviken, (SE)         | Issue Date of Patent:      | -   |
| Title of Invention:     | Percussion drill bit and a button therefor |                            |   |

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Fredrik BJORK ) Confirmation No.: 2379  
Application No.: 10/509,658 ) Group Art Unit: 3672  
Filed: 02/23/05 ) Examiner: Tsay, Frank

Title: Percussion Drill Bit and a Button  
Therefor

Commissioner for Patents  
U.S. Patent and Trademark Office  
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By: Ronald L. Grudziecki  
Ronald L. Grudziecki  
Registration No. 24,970

**CUSTOMER NO. 55694**  
**DRINKER, BIDDLE & REATH LLP**  
1500 K Street, N.W., Suite 1100  
Washington, D.C. 20005-1209  
Tel: (202) 842-8800  
Fax: (202) 842-8465